

- Constant Current LED Driver
- Output Wattage: 69W
- Universal Voltage: 120-277VAC, 50/60Hz
- Output Current: 1200mA \pm 5%, 1-10Vdc Analog Dimming
- Thermal Protection, Over and Under Voltage Protection
- Aluminum extrusion, Insulated cables for Input, Output & Dimming
- Output voltage range of 40-57VDC
- IP 67, Isolated

General Specifications

Rated Input Voltage	120-277VAC, 50/60 Hz
Operating Input Voltage Range	100-300VAC, 50/60Hz
Input Current	0.85A Max @100Vac, 0.71A Max @120Vac, 0.35A Max @240Vac and 0.3A Max @277Vac
Input Power	84W Max @ 120Vac input, typical 80W @ 240Vac input.
Power Factor	>0.98
THD	10%
Efficiency	>86%
Driver Type	Constant Current
Output Current	1200mA \pm 5%
Output Open Load Voltage	70 VDC
Output Voltage Range	40-57VDC
Output Power	69W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	Analog 1-10Vdc, Output Current 10%-100%
RFI/EMI	NA
Output Type	Isolated, class I (IEC 61140)
Ambient Operating Temperature Range	-25°C to 50°C
Max. Case Temperature	75°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 5kV, Line & Neutral-Ground 5kV
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Shutdown @ 325 \pm 10Vac, Auto recovery @ 315 \pm 10Vac, 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C
	Input Under Voltage : Shutdown @ 95 \pm 10Vac, Auto recovery @ 100 \pm 10Vac
	Output Short Circuit : Auto recovery
	Output Open Circuit : Auto recovery
	Output to ground short : Auto recovery
	Output Overload : Limited by maximum Output Voltage
Over Temperature : Output Current Fold-back above declared Tc max	
Service Life	50,000 hours @ Tc 75°C
Approvals / Class	Dry, Damp or Wet Locations; IP 67
Warranty	3 years

Note : The usage of a compatible SPD is mandatory for outdoor application.
Recommended Fulham SPD - SPD1230S5A5K54

Figure 1

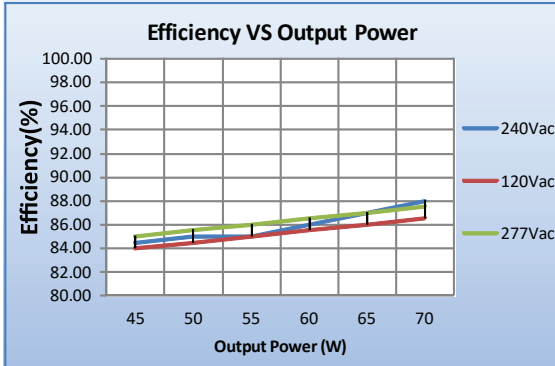


Figure 2

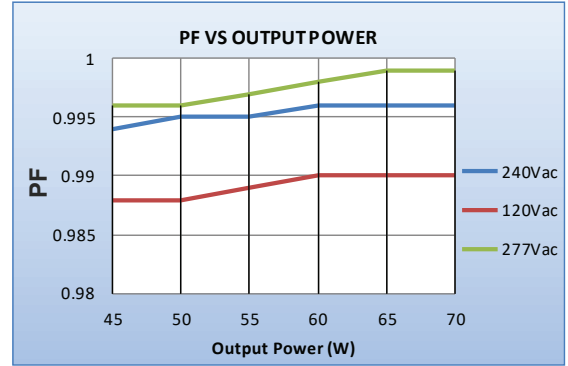


Figure 3

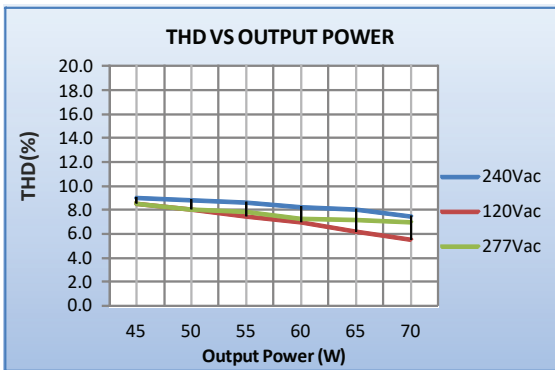


Figure 4

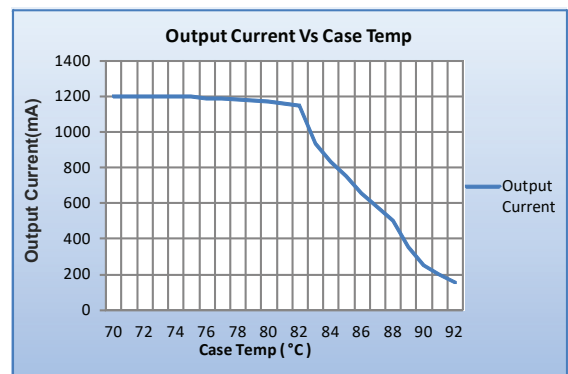
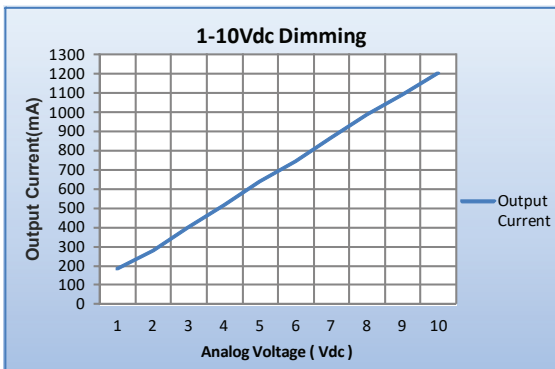
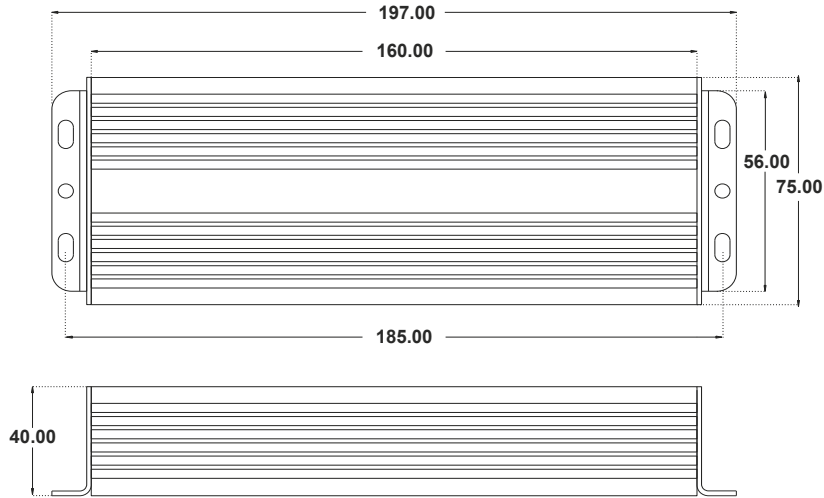


Figure 5



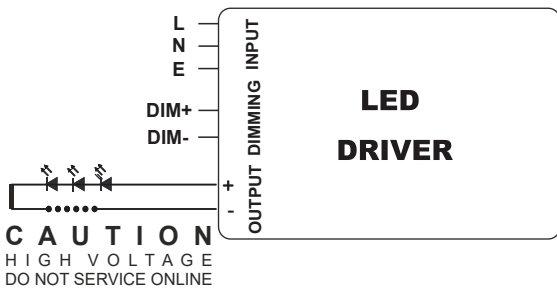
Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



CAUTION
 HIGH VOLTAGE
 DO NOT SERVICE ONLINE

INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3-CORE CABLE 300 mm	RED (+)	2-CORE CABLE 300 mm
WHITE (N)		BLUE (-)	
GREEN (E)			
DIMMING		LENGTH	
PURPLE (DIM+)	2-CORE CABLE 300 mm		
GREY (DIM -)			